

2001/11



B.A.R.G. NEWS

The official Newsletter of the Ballarat Amateur Radio Group Inc. (# 6953T)

P.O. BOX 1261

MAIL CENTRE

BALLARAT VIC 3354

MEETING DATES

At Club Rooms 8pm start

2001

November 30th.

2002

January 25th.

February 22nd.

March 22nd ???

April 26th.

May 31st.

June 28th.

July 26th.

August 30th. (AGM)

September 27th.

October 25th.

November 29th.

CLUB ROOMS:

Ballarat Airport
Unit 31

OFFICERS:

President: VK3FGC

Gordon Cornell

5339 2427

Secretary: VK3DMK

Tom George

5333 2770

Treasurer: VK3AAI

Murray Felstead

5341 2234

Volume 24 Number 11

NOVEMBER 2001

HAMVENTION 2001 A GREAT SUCCESS

Once again the Ballarat B.A.R.G. Hamvention was heralded a great success by both the locals and the visiting amateurs.

An early start saw about 50 tables filled by about 8.30 am on Sunday.

Selling was very brisk by 9 am and there were some great items snapped up by the bargain hunters.

This year we saw the welcome return of Dick Smith's team with Amateur Transceivers from Sydney.

The door prizes were claimed very quickly and were very popular.

The foxhunting on the Saturday night was once again a feature of the weekend. We had 4 hunts (2M,

70cm, 6M, 10M) all being conducted at the one time., and when the foxes were all hunted down everybody adjourned to the clubrooms for coffee and a natter.

The dinner at the Western Hotel on the Saturday saw about 35 people attending and a good night was had by all.

The Hamvention takes a lot of willing helpers to make it a success, and thanks

must go to those involved with the catering, the people who manned the door, those that helped with the setting up and dismantling and cleaning up of the site, not forgetting the foxes and others who may have made an input into the many other areas which I have not mentioned. Thank you all.

Steven Dick (Hamvention Co-Ordinator)

**I HAD SEVERAL PHONE
CALLS DURING THE NEXT
WEEK, THANKING US FOR
A GREAT WEEKEND**

Steven



*Merry
Christmas*
and a Happy 2002



Inc. # 6953T

OFFICE BEARERS - 2001 / 2002



COMMITTEE



PRESIDENT	GEOFFREY SMITH	VK3ADB	VALERIE	5345 8387
VICE PRESIDENT	GORDON CORNELL	VK3FGC	HELEN	5339 2427
SECRETARY	TOM GEORGE	VK3DMK	ELAINE	5333 2770
TREASURER				
MEMBER'S REP.	DOUG RAPER	VK3VBA	VAL	5332 3565
MEMBER'S REP.	CHARLIE STEWART	VK3DCS	SHIRLEY	5331 7425
MEMBER'S REP.	IAN LLOYD	VK3HFK	DEBBIE	5331 1480
MEMBER'S REP.	STEVEN DICK	SWL	MARY	5331 5526
MEMBER'S REP.	PETER DIPROSE	VK3KDP	MARION	5339 9928
MEMBER'S REP.				

OFFICERS

QSL MANAGER	DARYL QUIRK	VK3XDQ	WENDY	5476 2689
EDUCATION OFFICER	TOM GEORGE	VK3DMK	ELAINE	5333 2770
TECHNICAL OFFICER	BOB TERRILL	VK3BNC	BETTY	5339 5317
NEWSLETTER EDITOR	NORM D'ANGRI	VK3LBA	VAL	5334 1613
NET CO-ORDINATOR	CLEM ALLAN	VK3BVI	PAT	5348 7709
AWARDS MANAGER	REG CARTER	VK3CAZ	SHELAGH	5341 7585
HISTORIAN/LIBRARIAN	DICK CURNOW	VK3LDC	MARY	5330 1927
EXAMINATION OFFICER	CHARLIE STEWART	VK3DCS	SHIRLEY	5331 7425
PUBLICITY OFFICER	DOUG RAPER	VK3VBA	VAL	5332 3565
PROPERTY OFFICER	JEFF PIGDON	VK3PAP	LYN	5332 7041
WICEN STATE CO-ORD.	GORDON CORNELL	VK3FGC	HELEN	5339 2427
HAMVENTION CO-ORD.	STEVEN DICK	SWL	MARY	5331 5526
SCRAMBLE CO-ORD.	REG CARTER	VK3CAZ	SHELAGH	5341 7585
AMENITIES COMMITTEE	SHIRLEY STEWART	SWL	CHARLIE	5331 7425
	SHELAGH CARTER	SWL	REG	5341 7585
	MARY CURNOW	VK3FMC	DICK	5330 1927
	PAT ALLAN	XYL	CLEM	5348 7709
	VALERIE SMITH	XYL	GEOFFREY	5345 8387

BARG REPEATERS

VK3RBA	VOICE	146.750 MHz	Mt Buninyong
VK3RBS	VOICE	147.100 MHz	Mt. Ben Nevis
VK3RPC	PACKET	144.750 MHz	Mt. Warrenhelp
VK3RBU	VOICE	438.475 MHz	Mt. Hollowback.
VK3RMB	BEACON	432.535 MHz	Mt. Buninyong
VK3RBV	ATV	426.250 MHz	Ballarat

BARG LIFE MEMBERS

VK3SE	STAN WIDGERY
VK3CFB	JIM WRIGHT
VK3AXH	IAN MC.DONALD
VK3WN	KEVIN HUGHES
exVK3AQM	PHIL SEDDON

ACTIVITIES

CLUB NET: Thursday Nights at 8 pm. (8.30 pm during Daylight Saving.) Freq.: 3.610 MHz +/- QRM.

MEETINGS: General Meeting : Last Friday each month (except December) at 8.00 pm. at Club Rooms.

CLUB ROOMS : Ballarat Airport - Unit 31 - (Off Learmonth Road) Ballarat.

HAMVENTION : Last weekend in October (2002 - 26th & 27th October.)

CONSTRUCTION DAYS : Saturday afternoons at clubrooms - 1 pm.

CORRESPONDENCE TO: The Secretary. BARG Inc.. BOX 1261 MAIL CENTRE. BALLARAT 3354

NEWSLETTER ARTICLES TO: Norm D'Angri (VK3LBA). 29 Lawrence St. Alfredton Vic. 3350

or Email < norval@telstra.easymail.com.au >

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The Minutes - October 2001

Apologies: HRZ, BNC, HWK, XDQ, NIZ, AAP

Bob Brown/CAZ

Minutes: As published in newsletter

BVI/FGC

Correspondence: IN: Newsletters, Ballarat City Council, BVI
OUT: NIL

Treasurers Report: As tabled byAAI.

AAI/CIS

Reports:

Facilities: Note from Clem BVI, detailing frustration with lawn mower operation, Service for mower to be organised, with Hendersons not Barnes and Co.(Hi Hi)

Education: All going well for next year. DMK

Technical: All OK. ADB

Membership: 31 members, 4 family. AAI

WICEN: All OK. FGC

Nets:

NOTE... 8:00pm to 10:00pm EST to change to 8:30pm to 10:30pm EDT.

Western Zone Net Mondays on VK3RWZ commencing 9:00pm EDT

Publicity:

Courier advert for club meeting in Community Notices has been fixed.

Hamvention advert in Saturdays Courier.

Dutch Auction at November Gen Meeting.

Lucky spots won by Bob Brown and Reg CAZ.

VBA

Hamvention:

7:00am set up, catering, P.A. System, Sat night Dinner, Club table and Spot Door prizes all organized.

Doug KAY offered to look after Club table, offer declined.

Bob Brown offered to look after Club table with Ted assisting, offer accepted.

Catering needs BBQ and Urn to be transported, PAP and ADB to assist.

Foxhunt on Saturday night 8:30pm, Sunday Morning 2 hunts.

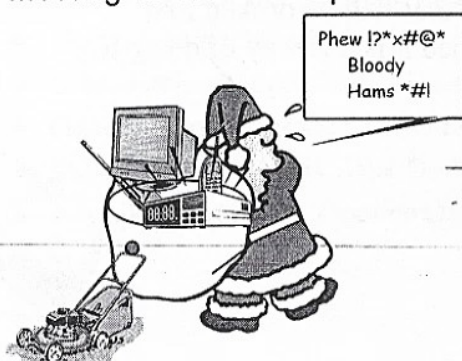
Steve Dick

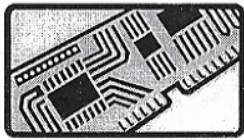
General Business:

Charlie DCS will be away in November 2001, we need another newsletter editor, some thoughts made to approach Norm LBA to see if he would like to take on the job again.

Scramble certificates not yet distributed, will be rectified.

Meeting closed at 9:05pm followed by Tea/Coffee, sandwiches and pizza supper.





TECH

TALK

FROM REG. - VK3CAZ

FAULT FINDING IN CO-AXIAL CABLE

If you have one of those S..... A..... digital meters which are becoming so common, and it is able to measure capacity, then it can enable you to determine the position of a "centre conductor" break in a length of Coax cable reclaimed from a faulty installation.

Measure accurately the length of the cable, in whatever units you use. (I still use feet and inches.)

Put it on the floor in a coil, with the ends adjacent, and test between the ends with an Ohmmeter. Of course, with the perversity of inanimate objects, it will show continuity, so move it about until the break condescends to indicate an open-circuit reading.

THEN, DON'T MOVE THE CABLE AT ALL.

With the digital meter set to read capacity, measure the capacity between inner and outer from each end.

As a 'worked example' let us assume a cable length of 97 feet, and that the capacitances were measured as follows:

Capacitance of length A = 350 pF

Capacitance of length B = 1,400 pF

Then using the formula $\frac{A}{A+B}$ times L, equals the distance from one end of the cable to the break.

$$\frac{350}{1750} \times 97 \quad (\text{where } 1750 \text{ equals the total capacitance of the 2 lengths})$$

gives us an answer of 19.4 feet from the end of the cable showing the lowest capacitance.

Cut the cable about six inches short of this length and test with an ohmmeter, and the break should be very near the end of the longer piece of cable. The exact position can be determined by cutting a few inches at a time until the break is located.

This will at least enable you to salvage a good proportion of the original cable for further use.



SWITCH TRICK

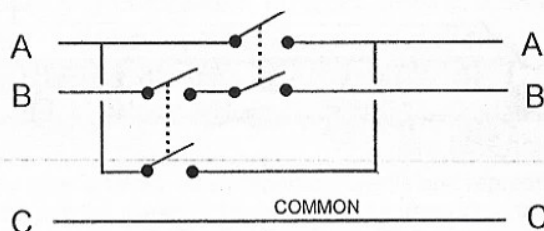
Quite often the situation arises where one switch MUST be 'on' before another one, and where the second one must be broken before the first.

Well one way of doing this is shown in the diagram, using two double pole switches.

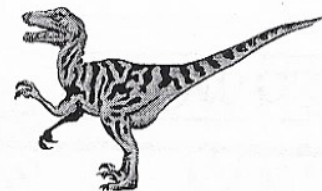
In this connection A-A will be completed before B-B, since to complete circuit B-B both switches must be closed.

Similarly, which ever switch is turned 'off' first then circuit B-B will be broken first.

It is not probable that this is a common necessity, but if needed it is one way of doing it.



DINOSAURS



Q T T Y R A N N O S A U R U S
 S I S Y H P O L E O C K S U L
 S U R U A S O T A N A E H Q O
 H Q S U R U A S O T A P A R B
 L M X C S U R U A S O G E T S
 S U R U A S A R T L U B H O C
 E J S U R U A S O I H C A R B
 E F E X N T O R O S A U R U S
 N O D O N A U G I L M E E D G
 A L L O S A U R U S Y S A A U
 S E G I S A U R U S W K I X B
 I S Z A C K T K G X O L N R M
 R T R I C E R A T O P S Q A A
 I A D I P L O D O C U S E Z F
 P X T A A L C O D W S B W W R

ALLOSAURUS
 ANATOSAURUS
 ANKYLOSAURUS
 APATOSAURUS
 BRACHIOSAURUS
 COELOPHYSIS
 DIPLODOCUS
 IGUANODON
 PARASAUROLOPHUS
 SEGISAURUS
 STEGOSAURUS
 TOROSAURUS
 TRICERATOPS
 TYRANNOSAURUS
 ULTRASAURUS

THE HERALD SUN'S 25 BEST HEADLINES OF 2000

- Something Went Wrong in Jet Crash
– Experts Say.
- Include Your Children When Baking Cookies.
- Police Begin Campaign to Run Down Jaywalkers.
- Drunks Get Nine Months in Violin Case.
- Iraqi Head Seeks Arms.
- Is There a Ring of Debris around Uranus?
- Prostitutes Appeal to Pope.
- Panda Mating Fails: Vet Takes Over.
- British Left Waffles on Falkland Islands.
- Teachers Strike Idles Kids.
- Clinton Wins Budget; More Lies Ahead.
- Plane too close to ground, Crash Probe Told.
- Miners Refuse to Work After Death.
- Juvenile Court to Try Shooting Defendant.
- Stolen Painting Found by Tree.
- Local High School Dropouts Cut in Half.
- War Dims Hope for Peace.
- If Strike Isn't Settled Quickly It May Last a While.
- Couple Slain; Police Suspect Homicide.
- Man Struck by Lightning Faces Battery Charge.
- New Study of Obesity Looks for Larger Test Group.
- Astronaut Takes Blame for Gas in Space.
- Two Sisters Reunited After 18 Years in Checkout Counter.
- Kids Make Nutritious Snacks.
- Typhoon Rips Through Cemetery, Hundreds Dead.

From the Neighbourhood Watch Journal = SENTINEL



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NO INPUT



NO OUTPUT

Once again it is my turn to look people in the eye and plead for contributions for publication in the BARG Newsletter.

To enable items to be published it is important that they be received by the 2nd Monday in each month.

Articles can be presented at the meetings to Charlie VK3DCS or mailed to 29 Lawrence St. Alfredton 3350

or sent by Email to <norval@telstra.easymail.com.au>

PLEASE HELP

Norm D'Angri VK3LBA (Temp.Editor)

*The B.A.R.G. Committee wishes all
Members and Amateurs*



**73 FOR A VERY HAPPY CHRISTMAS
AND A
SAFE AND HEALTHY NEW YEAR.**



**MOWING
ROSTER**

Bob Terrill VK3BNC

Thanks
Fellas.

Ian Lloyd VK3HFK



COMING EVENTS

FRIDAY 30TH. NOVEMBER: General Meeting at 8 pm at the Clubrooms.

This is the last meeting for this year and a DUTCH AUCTION will be held. Would everybody bring along a **wrapped** present (anything from an old tin can to a toilet seat) to be auctioned and bought by an unwary bidder. It's a good fun way to raise a few bob for the kitty.

SUNDAY 9TH. DECEMBER: Christmas BBQ at Clubrooms. 1 pm. start.

2002 :- A DINNER will be organised to thank the ladies who have been such a big help to the Club at the Hamvention, and throughout the year.

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Signal fades
for ham radio



Congratulations
to our Publicity Officer,
Doug Raper VK3VBA
for his excellent article in the
Ballarat Courier magazine which
was later reprinted in the November
Amateur Radio.

Well Done Doug !



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100 gm. Tubes

**WINDSCREEN WASHER
CONCENTRATE**
500 ml.

ENGINE DEGREASER
400 gm. Aerosol and 1 ltr. Tins.

DWF for TIGHT NUTS.

73 Bill VK3PH



A big **WELL DONE** to our
Hamvention Co-Ordinator
STEVEN DICK for his
efforts in producing a very
well received Hamvention 2001.

Well Done Steven, and of course to all
of your assistants who made the day
the success that it turned out to be.

Seasons
Greetings

to you & yours
from the Editor.

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PLEASE NOTE

CUT OFF DATE FOR ARTICLES FOR PUBLICATION IS NOW THE
SECOND MONDAY OF EACH MONTH.

B.A.R.G.

The Ballarat Amateur Radio Group Inc.

A group of radio enthusiasts licensed to experiment with
local and international radio communications on an amateur basis.

NEW MEMBERS ALWAYS WELCOME.



IF UNDELIVERABLE
PLEASE RETURN
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B.A.R.G. NEWS



MR. G. CORNELL VK3FGC

304 WENDOUREE PDE.

BALLARAT VIC 3355

